

*5. v 2* 3. The method of claim 1, further comprising:  
compositing the layers of the artwork; and  
converting the area and the action to a target output format.

*5. v 2* 4. The method of claim 3, wherein:  
the target output format is HTML (HyperText Markup Language).

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*5. v 2* 5. (Amended twice) A computer program, tangibly stored on a computer-readable medium, comprising instructions for causing a computer to:  
receive an electronic artwork having a plurality of layers, each layer having transparency information defining one or more non-transparent regions in the layer in a transparent frame;  
receive from a user an input selecting one of the plurality of layers;  
for the selected layer of the artwork, define an area based on a boundary of the one or more non-transparent regions in combination; and  
assign an action to the area, the action defining a function that will be activated when the area is selected.

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*5. v 2* 6. (Amended) The computer program of claim 5, further comprising instructions to:  
convert the non-transparent region into a perimeter boundary path; and  
fit a user-selected shape to the perimeter boundary path, wherein the shape defines the area.

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*5. v 2* The computer program of claim 5, further comprising instructions to:  
composite the layers of the artwork; and  
convert the area and the action to a target output format.

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*5. v 2* 8. The computer program of claim 7, wherein the target output format for the area and the action is HTML.

*S. E. 62*  
9. The computer program of claim 8, further comprising instructions to:  
write out the composited artwork as an image file and write out an HTML file containing  
an image map for the area and a URL for the action, the HTML file referring to the image file.

10. Cancel.

*D 4*  
*Step 3*  
12. (Amended twice) The method of claim 1, further comprising:  
conforming the area automatically to content of the selected layer when the electronic  
artwork is edited.

*D 5*  
13 (Amended) In a graphics application that supports dynamic content in layers, the method of  
claim 1, further comprising:  
calculating any dynamic content for the selected layer before the area is defined.

*D 6*  
*Step 4*  
15. (Amended) The method of claim 1, wherein:  
the selected layer has two or more non-contiguous non-transparent regions in a  
transparent frame; and  
the area is defined based on the boundary of the non-transparent regions in combination.

16. The method of claim 15, further comprising:  
generating multiple image maps from the non-transparent regions.

*Step 5*  
17. The method of claim 1, wherein:  
any holes within the region are ignored.

18. The method of claim 1, wherein:  
separate regions having no holes are created if the region has holes; and  
the separate regions in combination contribute to the definition of the area.

19. Cancel.

20. The computer program of claim 5, further comprising instructions for causing a computer to:  
associate the area and the action with the selected layer as a property of the selected  
layer.

*N.E.  
Sub 5  
Sub 8*  
21. The computer program of claim 20, further comprising instructions for causing a computer  
to:  
conform the area automatically to the content of the selected layer when the electronic  
artwork is edited.

*D*  
22. (Amended) The computer program of claim 5, further comprising instructions for causing a  
computer to:  
calculate any dynamic content for the selected layer before the area is defined.

23. Cancel.

*Sub 5  
Sub 8*  
24. (Amended) The computer program of claim 5, wherein:  
the layer has two or more non-contiguous non-transparent regions in a transparent frame;  
and  
the area is defined based on the boundary of the non-transparent regions in combination.

*N.E.*  
25. The computer program of claim 24, further comprising instructions for causing a computer  
to:  
generate multiple image maps from the non-transparent regions.

26. The computer program of claim 5, wherein:  
any holes within the region are ignored.

27. The computer program of claim 5, wherein:

separate regions having no holes are created if the region has holes; and  
the separate regions in combination contribute to the definition of the area.

28. (Amended) The method of claim 1, wherein:

defining the area comprises converting each non-transparent region to a perimeter boundary path and fitting a user-selected shape to the perimeter boundary path, wherein the shape defines the area.

29. (New) The method of claim 3, further comprising:

outputting the composited artwork as an image file; and  
outputting an HTML file including an image map for the area and a URL for the action.

30. (New) The computer program of claim 5, wherein the action is a URL (Uniform Resource Locator).